

ABSTRACT

A cosmetic and reconstructive prosthesis containing a rupture indicator is provided, which includes an external envelope of medical grade elastomer containing a fluid material and a biologically compatible chemical indicator for indicating rupture of the prosthesis, and an internal envelope of medical grade elastomer disposed within the external envelope, the internal envelope containing an implant filling material. Also provided is a method of detecting rupture of a prosthesis, which includes surgically implanting a prosthesis containing a biologically compatible chemical indicator in a location of a patient body in need of the prosthesis; and detecting a change of a body secretion or peripheral blood, or a change locally around the prosthesis for indication of leaking out of the indicator from the prosthesis.